

Green light emitting phosphors

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Abstract of GB2149416

A green light emitting phosphor suitable for a phosphor screen of a cathode ray tube used as a projecting tube of a projection television receiver is represented by a general formula $Y_3Al_xGa_5-xO_{12}:Tb$. The most preferred composition is $Y_3Al_2Ga_3O_{12}:Tb$ wherein the Tb density or the molar percentage of $Tb/(Y + Tb)$ is equal to 5 mol %.

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